

Transient Limiter for Tektronix EMC pre-compliance

EMI-TRANS-LIMIT (Com-Power LIT-153A offered by Tektronix)



The EMI-TRANS-LIMIT (Com-Power LIT-153A) protects a spectrum analyzer input from high-level transients from the line impedance stabilization networks (LISN) during EMC conducted emissions testing. The built-in band pass filter attenuates the out-band signals at more than 20 dB/decade.

Key features

- Frequency range of 150 kHz -30 MHz
- Built-in band pass filter attenuates the out-band signals at more than 20 dB/decade
- VSWR of <1.1:1

Specifications

Transient limiter

- Frequency range

150 kHz to 30 MHz
- Insertion loss

10 dB +1.5 / -0.5 dB (This is in-band attenuation level.)
- Maximum input level

2 Watts CW (+33 dBm) +/- 10 V DC

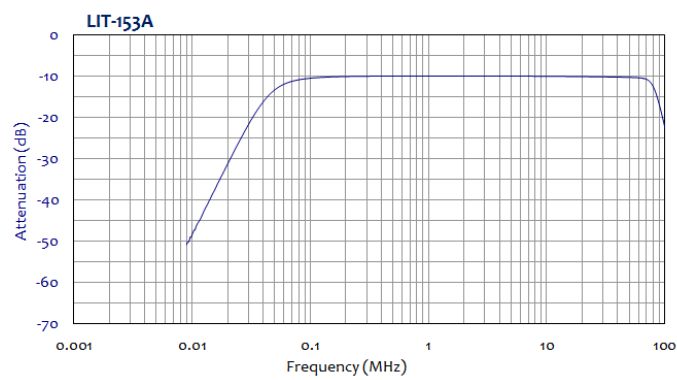
(This is the maximum in-band input level that will not damage the unit.)
- VSWR

< 1.1:1
- Connectors (input and output)

N-type

Length	Width	Height
4.3 in (100 mm)	2.0 in (50 mm)	1.5 in (35 mm)

Typical attenuation



Ordering information

EMI-TRANS-LIMIT transient limiter

Item	Description
EMI-TRANS-LIMIT	Frequency Range 150 kHz to 30 MHz, Max input +33 dBm, BNC to N type

Service

All service provided by Com-Power Corporation. Contact <https://www.com-power.com/index.html> for service.

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